

SAMSUNG

WASHING MACHINE DRUM TYPE

Basic Model : **WF337AAW/XAA**
(FRONTIER2-PJT)

Model Name : **WF203ANW**
WF203ANS
(MARS2-PJT)

Model Code : **WF203ANW/XAX**
WF203ANS/XAX

SERVICE *Manual*

WASHING MACHINE



WF203ANW

THE FEATURE OF PRODUCT

1. Extra Large Capacity
2. High Efficiency Energy &
Water Saving

Refer to the service manual in the GSPN (see the rear cover) for the more information.

CONTENTS

1. PRECAUTIONS

1-1. Safety Precautions.....	1-1
1-2. Precautions upon Installation	1-2

2. PRODUCT SPECIFICATIONS

2-1. FEATURES.....	2-1
2-2. SPECIFICATIONS OF PRODUCT	2-2
2-3. OVERVIEW OF THE WASHING MACHINE.....	2-3
2-4. THE COMPARATIVE SPECIFICATIONS OF PRODUCT.....	2-4
2-5. OPTION SPECIFICATIONS	2-5

3. OPERATING INSTRUCTIONS

3-1. OPTION SPECIFICATIONS	3-1
3-2. PROGRAMME CHART.....	3-3
3-3. MAIN FUNCTIONS.....	3-4
3-4. TECHNICAL POINT	3-6

4. ALIGNMENT AND ADJUSTMENTS

4-1. GENERAL ERROR FUNCTION.....	4-1
4-2. TEST MODE.....	4-2

5. ASSEMBLY AND DISASSEMBLY

5-1. TOOLS FOR DISASSEMBLY AND ASSEMBLY	5-1
5-2. DISASSEMBLY	5-2

6. TROUBLE SHOOTING

6-1. TROUBLE DIAGNOSIS	6-1
6-2. PROBLEM CHECKING AND METHOD OF PCB	6-14

7. EXPLODED VIEWS AND PARTS LIST

7-1. MATERIAL CODE STANDARDS	7-1
7-2. THE CONTROL PARTS	7-2
7-3. THE DOOR PARTS	7-4
7-4. THE TUB PARTS.....	7-6
7-5. THE FRAME PARTS	7-8
7-6. PARTS LIST (SA/SC others)	7-10

CONTENTS

8. BLOCK DIAGRAM

8-1. BLOCK DIAGRAM	9-1
--------------------------	-----

9. WIRING DIAGRAM

9-1. WIRING DIAGRAM.....	10-1
9-2. REFERENCE INFORMATION.....	10-2

10. PCB DIAGRAM

10-1. MAIN PCB LAYOUT	11-1
10-2. CONNECTOR & RELAY TERMINALS DESCRIPTION (MAIN PBA)	11-2
10-3. CONNECTOR & RELAY TERMINALS DESCRIPTION (SUB PBA)	11-3
10-4. SUB PCB LAYOUT (THE PRINCIPLE PART)	11-4
10-5. AG PBA CONNECTOR TERMINAL DESCRIPTION & LAYOUT (THE PRINCIPLE PART).....	11-5

11. SCHEMATIC DIAGRAMS

11-1. MAIN PCB.....	12-1
11-2. SUB PCB.....	12-2
11-3. AG PCB.....	12-3

12. CIRCUIT DESCRIPTIONS

12-1. OVERALL SYSTEM	13-1
12-2. POWER SUPPLY PART	13-2
12-3. DRIVING PART	13-3
12-4. SENSING PART	13-4
12-5. COMMUNICATION PART	13-5
12-6. DD MOTOR CONTROL CIRCUIT	13-6

13. REFERENCE INFORMATION

13-1. MODEL NAME	14-1
13-2. TERMINOLOGY.....	14-2
13-3. FABRIC CARE CHART	14-3
13-4. ELECTRICAL WARNINGS	14-4
13-5. Q & A	14-5



GSPN (Global Service Partner Network)

Area	Web Site
North America	http://service.samsungportal.com
Latin America	http://latin.samsungportal.com
CIS	http://cis.samsungportal.com
Europe	http://europe.samsungportal.com
China	http://china.samsungportal.com
Asia	http://asia.samsungportal.com
Mideast & Africa	http://mea.samsungportal.com

This Service Manual is a property of Samsung Electronics Co.,Ltd.
Any unauthorized use of Manual can be punished under applicable
International and/or domestic law.

© 2007 Samsung Electronics Co.,Ltd.
All rights reserved.

Printed in Korea

Code No.: DC68-02692A-00